

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB# 93423

Requester's Full Name: FUNDA Examiner #: 71970 Date: 5-7-03  
 Art Unit: 1623 Phone Number 30 8-1620 Serial Number: 10/609023  
 Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL  
 CMI 8819 CMI 8A05

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_  
 Inventors (please provide full names): see attached but sheet  
 Assignee: NONE officially in U.S., but Applicant for Int'l case is  
 Earliest Priority Filing Date: 4-6-2001 PENFORD AUSTRALIA LIMITED

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search claims 1-10, 26-33, and 35, attached, drawn to methods for

1. regulating carbohydrate and fat metabolism;
2. enhancing fat metabolism or utilization;
3. reducing plasma leptin concentration and increasing satiety;
4. treating an individual suffering from obesity;
5. lowering the incidence or risk of obesity;
6. lowering the incidence or risk of non-insulin dependent diabetes mellitus;
7. reducing post-prandial glucose and/or insulin levels; and
8. controlling an individual's body mass,

by replacing at least 5% of an individual's daily carbohydrate intake with resistant starch, and at least 10% of the individual's saturated fat intake with unsaturated fat.

Resistant starches are generally high (>40%) amylose starches, and are taught for example in Brown, McNaught, and Moloney Food Australia 1995, 47, 272-275; WO 94/03049; and WO 94/14342. A resistant starch is not digested by amylase in the small intestine, and can be characterized as RS1 (physically inaccessible), RS2 (intact digestion resistant), or RS3 (retrograded digestion resistant).

## STAFF-USE ONLY

Searcher: Jan  
 Searcher Phone #: 4458  
 Searcher Location: \_\_\_\_\_  
 Date Searcher Picked Up: 5/25/03  
 Date Completed: 5/27/03  
 Searcher Prep & Review Time: \_\_\_\_\_  
 Clerical Prep Time: 20  
 Online Time: +105

## Type of Search

NA Sequence (#) \_\_\_\_\_  
 AA Sequence (#) \_\_\_\_\_  
 Structure (#) \_\_\_\_\_  
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## Vendors and cost where applicable

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